



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Abz-Val-Ala-Asp-Nva-Arg-Asp-Arg-Gln-EDDnp

Cat. No.:	HY-P10461
CAS No.:	1042405-14-0
Molecular Formula:	C ₅₃ H ₈₀ N ₂₀ O ₁₈
Molecular Weight:	1285.33
Sequence:	{Abz}-Val-Ala-Asp-{Nva}-Arg-Asp-Arg-Gln-{EDDnp}
Sequence Shortening:	{Abz}-VAD-{Nva}-RDDQ-{EDDnp}
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Abz-Val-Ala-Asp-Nva-Arg-Asp-Arg-Gln-EDDnp is a fluorescence-quenched peptide substrate for human proteinase 3 ($k_{cat}/K_m = 1,570 \text{ mM}^{-1}\text{s}^{-1}$), and can be used for detection of proteinase 3 (PR3) activity^{[1][2]}.

REFERENCES

[1]. Yu J, et al. Cathepsin C from extracellular histone-induced M1 alveolar macrophages promotes NETosis during lung ischemia-reperfusion injury. Redox Biol. 2024 Jun 6;74:103231.

[2]. Korkmaz B, et al. Measurement of neutrophil elastase, proteinase 3, and cathepsin G activities using intramolecularly quenched fluorogenic substrates. Methods Mol Biol. 2012;844:125-38.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA